



## **Printing Operation and Process (Technicians)**

**Objectives:** Given the training by the instructor and student guide, in the balance of machine and process exercises, the student will demonstrate a complete understanding of the SMT printing process and general safety guidelines.

At the end of the Course, the student will be able to operate and control the MPM Printing Machine, create a good setup and print first quality PC boards.

The student will be able to:

- Identify risks on safety and precaution required to operate the equipment.
- Identify all the parts of the machine.
- Navigate through all Menus and Screens of the programs.
- Setup the Inspection option and establish printing parameters.
- Understand and interpret all Error messages and SPC Data.
- Analyze 2D and 3D data.
- Describe the key elements for a good printing.
- Set-up a PCB for printing.
- Setup the Work Nest for printing.
- Print PCBs.

Pre-requisites: Participants must have 30 Days experience in automated SMT PCB printing operation.

Required Equipment: MPM Series AP/UP Screen Printer, Stencils, Solder Paste, PCB's, Microscope

Duration: 3 - 4 Days

Schedule: Flexible